

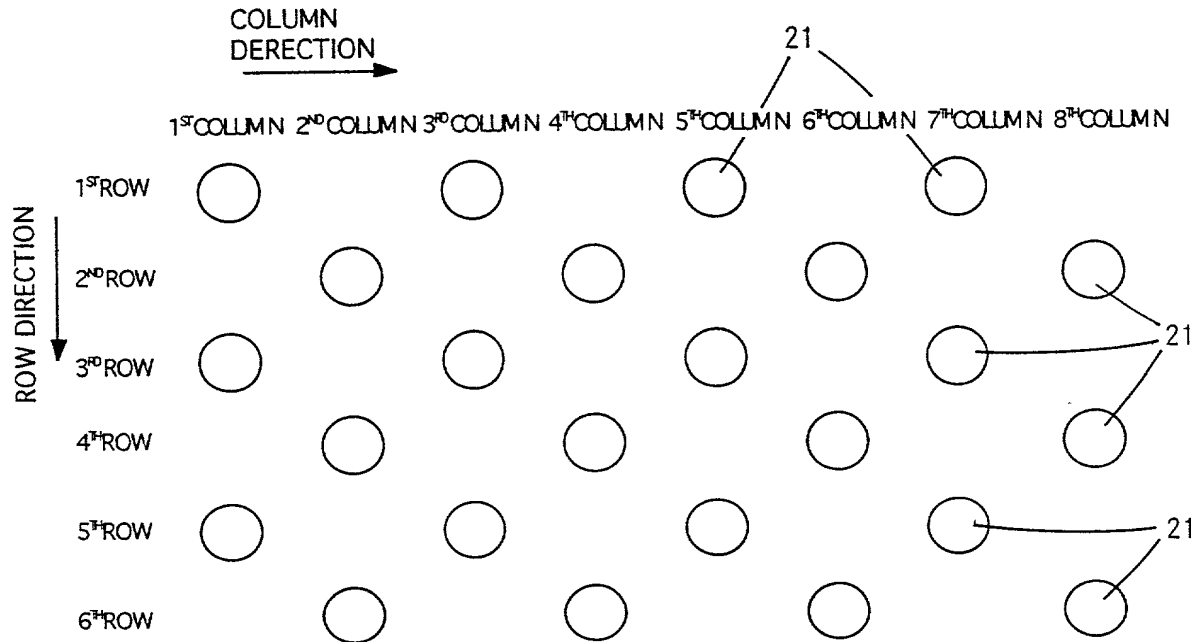
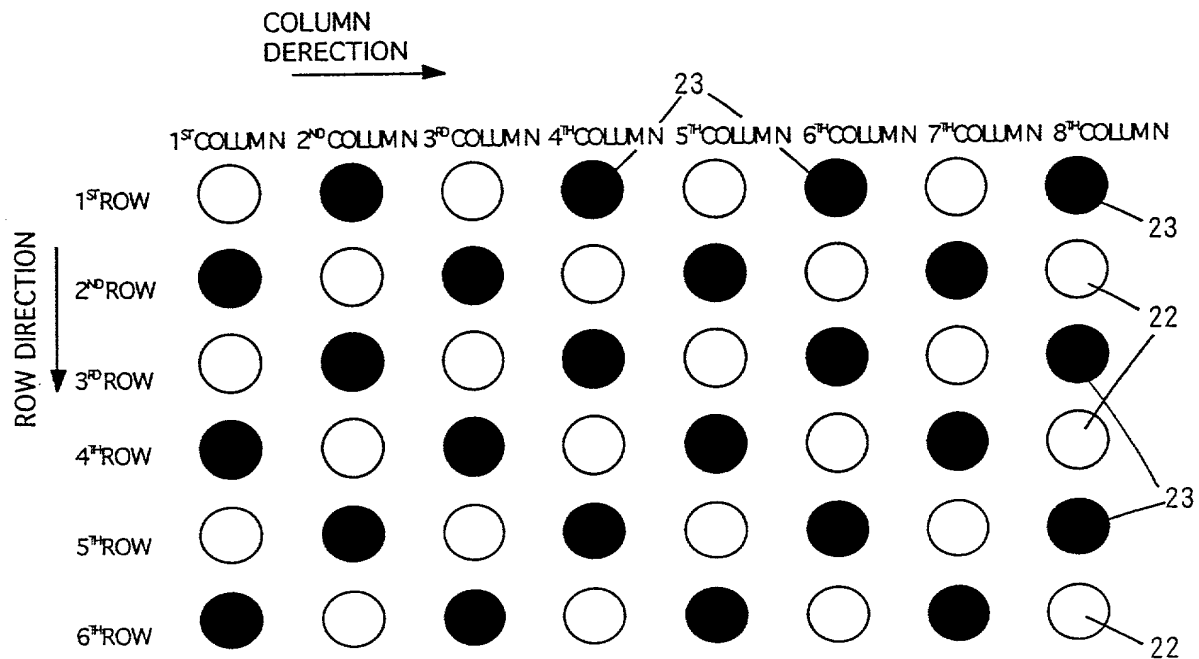
Fig. 1**Fig. 2**

Fig. 3

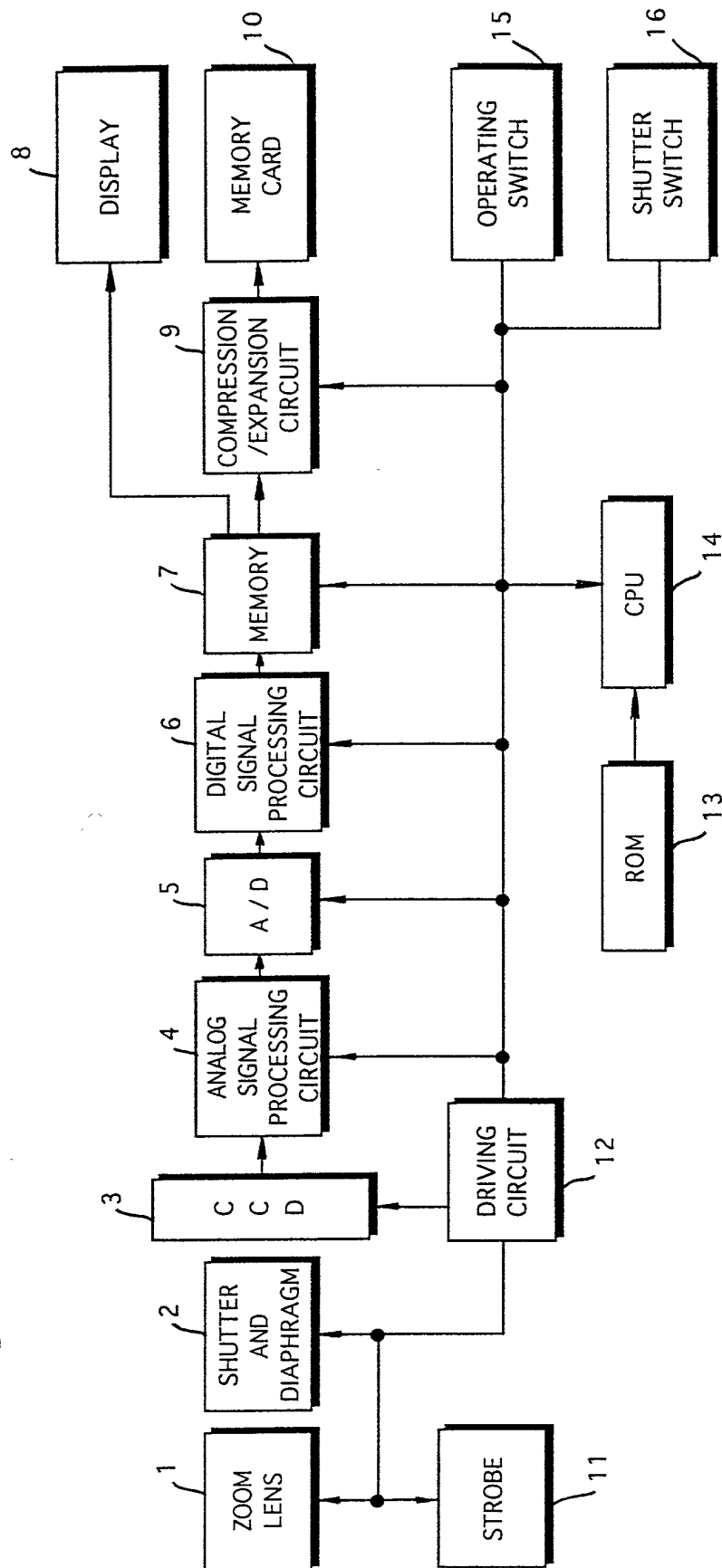


Fig. 4

HONEYCOMB CCD CHARACTERISTICS

PROCESSING ITEM	CONTENT	PARAMETER
FLAW CORRECTION	FLAW TYPE	1
	CORRECTION EQUATION	$\{(X-1,Y)+(X+1,Y)\}/2$
	FLAW NUMBER	1
	FLAW LIST :	(34,36)
BLACK CORRECTION	CORRECTION METHOD	OPTICAL BLACK
	CORRECTION AREA	(1080,1) - (1180,700)
	CORRECTION GREEN DATA :	0 (NOT USED)
WHITE CORRECTION	DETECTED VALUE	1 (DAYTIME)
	GREEN CORRECTION DATA :	0 (NOT USED)
GAMMA CORRECTION	MAXIMUM INPUT VALUE	4095
	GAMMA CORRECTION	0,0,0,1,1,...1023
SIGNAL GENERATION	PIXEL LAYOUT	1 (HONEYCOMB TYPE)
	INTER-PIXEL VALUE	45
	COLOR FILTER TYPE	0 (THREE PRIMARY COLOR)
	FILTER LAYOUT	3 (GRGB/GBGR)
	FILTER 1	0 (R)
	FILTER 1 LOW WAVELENGTH	500
	FILTER 1 HIGH WAVELENGTH	1070
	:	
APERTURE CORRECTION	MTF NUMBER	1
	LENS MTF POSITION	7
	MTF DATA	100,100,100,...0
	LENS POSITION	7
	LENS APERTURE	2.0
	ON-CHIP-LENS CURVATURE	100
	ON-CHIP-LENS REFRACTIVE INDEX	1.5
	INNER-LENS CURVATURE	200
	INNER-LENS REFRACTIVE INDEX	1.7
	PHOTODIODE APERTURE TYPE	1 (OCTOGONAL)
	PHOTODIODE APERTURE SIZE	3,3,3,3
MISCELLANEOUS	LENS FLAW TYPE	0
	:	

Fig. 5